



Appl. NO. 10/0/024,659

Amdt. dated: December 30, 2003

**Amendments to the Claims:**

**Listing of the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for constructing an expression library containing a gene that ~~is~~ encodes a product toxic to bacteria, comprising the steps of:
  - (a) isolating genomic DNA from a culture of cells of a first bacterium, wherein said genomic DNA contain a gene that is encodes a product toxic to a second bacterium;
  - (b) partially digesting said genomic DNA to produce genetic inserts, wherein at least one of said genetic inserts contains a gene that is encodes a product toxic to said second bacterium;
  - (c) cloning said genetic inserts into a cloning vector;
  - (d) ligating together, under suitable ligation conditions, said genetic inserts and said cloning vector, to produce ligation products;
  - (e) transforming said ligation products directly into yeast; and
  - (f) amplifying said ligation products in said yeast.
2. (original) The method of Claim 1, wherein the first bacterium is *Bacillus subtilis*.
3. (original) The method of Claim, 1, wherein the second bacterium is *Escherichia coli*.
4. (original) The method of Claim 1, wherein the genomic DNA is chromosomal DNA.
5. (withdrawn) An expression library constructed according to the method of Claim 1.
6. (withdrawn) A method for screening for a gene that is toxic to bacteria, comprising the steps of:



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- (a) obtaining an expression library made in accordance with the method of Claim 1;
- and
- (b) screening said expression library for a gene that is toxic to bacteria.

7. (withdrawn) The method of Claim 6, wherein said expression library is screened using a mating strategy.

8. (new) The method of claim 1, wherein said yeast lacks a bait plasmid.